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Attorney's Docket No. 042390P10254

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7-31-02  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Valery M. Dubin, et al.

Serial No. 09/753,256

Filed: December 28, 2000

For: **Interconnect Structures and a Method of  
Electroless Introduction of Interconnect  
Structures**

Examiner: Thai, Luan C.

Art Unit 2827

RESPONSE TO OFFICE ACTION

Box Amendments - No Fee  
Assistant Commissioner for Patents  
Washington, D.C.

Dear Sir:

In response to the Office Action mailed April 24, 2002, Applicants respectfully request entry of the following amendments.

IN THE CLAIMS

Please cancel claims 2 and 3.

Please amend the following claims:

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B1 SUB  
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1. (Amended) A method comprising:  
forming a portion of an interconnect structure in an opening through a dielectric over a contact point; and  
forming a conductive shunt structure adjacent the portion of the interconnect structure through a chemically-induced oxidation-reduction reaction comprising introducing a shunt material precursor in the presence of an alkaline metal-free reducing agent.

2. 4. (Amended) The method of claim 1, wherein forming the shunt structure comprises introducing the shunt material precursor in the presence of a non-metallic chelating agent.

3. 8. (Amended) The method of claim 1, further comprising:

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PTO/SB/21 (08-00)  
Approved for use through 10/31/2002. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application No.	09/753,256
		Filing Date	December 28, 2000
		First Named Inventor	Valery M. Dubin
		Group Art Unit	2813
		Examiner Name	Nguyen, Tuan H.
Total Number of Pages in This Submission	12	Attorney Docket Number	42390P10254

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">Return receipt postcard</div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	William Thomas Babbitt, Reg. No. 39,591 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	<i>William T. Babbitt</i>
Date	7/8/02

CERTIFICATE OF MAILING/TRANSMISSION			
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail with sufficient postage in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on:			
Typed or printed name	Nedy Calderon		
Signature	<i>Nedy Calderon</i>	Date	7/8/02

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<b>FEE TRANSMITTAL for FY 2002</b> <small>Patent fees are subject to annual revision.</small>		<b>Complete if Known</b>	
		Application Number	09/753,256
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		Filing Date	December 28, 2000
TOTAL AMOUNT OF PAYMENT (\$)		First Named Inventor	Valery M. Dubin
		Examiner Name	Nguyen, Tuan H.
		Group/Art Unit	2813
		Attorney Docket No.	42390P10254

<b>METHOD OF PAYMENT (check one)</b>		<b>FEE CALCULATION (continued)</b>																																																																																																																																																																																			
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Deposit Account Number: 02-2666		<table border="1"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr><tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr><tr><td>112</td><td>920 *</td><td>112</td><td>920 *</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>113</td><td>1,840 *</td><td>113</td><td>1,840 *</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr><tr><td>117</td><td>920</td><td>217</td><td>480</td><td>Extension for reply within third month</td><td></td></tr><tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td></td></tr><tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr><tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - 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The Commissioner is authorized to: (check all that apply) <input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input type="checkbox"/> Charge any additional fee(s) required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20. <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account		Other fee (specify) _____																																																																																																																																																																																			
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<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Name (Print/Type)	William Thomas Babbitt	Registration No. (Attorney/Agent)	39,591
Signature	<i>William T. Babbitt</i>	Telephone	(310) 207-3800
		Date	7/8/02

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